

Table 3-5 Water Quality Objectives for Municipal Supply

Parameter	Objective (in MG/L)	Parameter	Objective (in MG/L)	Parameter	Objective (in MG/L)
Physical:					
Color (units) ^a	15.0	Alachor ^h	0.002	Volatile Organic Chemicals (cont'd):	
Odor (number) ^a	3.0	Atrazine ^h	0.001	1,1,2-Trichloro-1,2,2-trifluoromethane ^h	1.2
Turbidity (NTU) ^a	5.0	Bentazon ^h	0.018	Toluene ^h	0.15
pH ^b 6.5-8.0		Benzo(a)pyrene ^h	0.0002	Vinyl Chloride ^h	0.0005
TDS ^c.....500.0		Dalapon ^h	0.2	Xylenes (single or sum of	
EC (mmhos/cm) ^c 900		Dinoseb ^h	0.007	isomers) ^h	1.750
Corrosivity non-corrosive		Diquat ^h	0.02		
Inorganic Parameters:					
Aluminum ^d	1.0 ^d /0.2 ^a	Endothall ^h	0.1	Radioactivity:	
Antimony ^d	0.006	Ethylene dibromide ^h		Combined Radium-226 and	
Arsenic ^c	0.05	.....0.00005		Radium-228 ⁱ	5
Asbestos ^d 7 MFL ^e		Glyphosate ^h	0.7	Gross Alpha Particle Activity ⁱ	
Barium ^d	1.0	Heptachlor ^h	0.00001	.....15i	
Beryllium ^d	0.004	Heptachlor epoxide ^h		Tritium ^j	20,000
Chloride ^c.....250.0		.....0.00001		Strontium-90 ⁱ	8
Cadmium ^d.....0.005		Hexachlore cyclopentadiene ^h		Gross Beta Particle Activity ⁱ	
Chromium ^d 0.05		.....0.001	.....50		
Copper ^a	1.0	Molinate ^h	0.02	Uranium ^j	20
Cyanide ^d 0.15		Oxarnyl ^h	0.05		
Fluoride ^f 0.6-1.7 ^g		Pentachlorophenol ^h	0.001		
Iron ^a	0.3	Picloram ^h	0.5		
Lead ^b	0.05	Polychlorinated Biphenyls ^h			
Manganese ^a 0.05		.....0.0005			
Mercury ^d.....0.002		Simazine ^h	0.004		
Nickel ^d 0.1		Thiobencarb ^h	0.07/0.001		
Nitrate (as NO ₃) ^d 45.0		Volatile Organic Chemicals:			
Nitrate + Nitrite (as N) ^d	10.0	Benzene ^h	0.001		
Nitrite (as N) ^d 1.0		Carbon Tetrachloride ^h	0.005		
Selenium ^d 0.05		1,2-Dibromo-3-chloropropane ^h			
Silver ^b	0.1	.....0.0002			
Sulfate ^c.....250.0		1,2-Dichlorobenzene ^h	0.6		
Thallium ^d	0.002	1,4-Dichlorobenzene ^h .	0.005		
Zinc ^a	5.0	1,1-Dichloroethane ^h ...	0.005		
Organic Parameters:		1,2-Dichloroethane ^h .	0.0005		
MBAS (Foaming agents) ^a		cis-1,2-Dichloroethylene ^h			
Oil and grease ^b	none	.....0.006			
Phenols ^b	0.001	trans-1,2-Dichloroethylene ^h			
Trihalomethanes ^b	0.1	.....0.5.....0.01			
Chlorinated Hydrocarbons:		1,1-Dichloroethylene ^h 0.006			
Endrin ^h	0.002	Dichloromethane ^h	0.005		
Lindane ^h	0.0002	1,2-Dichloropropane ^h .	0.005		
Methoxychlor ^h 0.03		1,3-Dichloropropene ^h			
Toxaphene ^h.....0.003		.....0.0005			
2,3,7,8-TCDD (Dioxin) ^h		Ethylbenzene ^h	0.7		
2,4-D ^h 0.07		Methyl-tert-butyl ether ^h			
2,4,4-TP Silvex ^h 0.05		.....0.13/0.005			
		Monochlorobenzene ^h	0.07		
		Styrene ^h	0.1		
		B, k, 2, 2 ^g Tetrachloroethane ^h .			
		.....0.001			
		Tetrachloroethylene ^h ..	0.005		
		1,2,4-Trichlorobenzene ^h			
		.....0.005			
		1,1,1-Trichloroethane	0.200		
		1,1,2-Trichloroethane ^h 0.005			
		Trichloroethylene ^h 0.005			
		Trichlorofluoromethane			
		.....0.15			

NOTES:

- a. Secondary Maximum Contaminant Levels as specified in Table 64449-A of Section 64449, Title 22 of the California Code of Regulations, as June 3, 2005.
- b. Table III-2, 1986 Basin Plan
- c. Secondary Maximum Contaminant Levels as specified in Table 64449-B of Section 64449, Title 22 of the California Code of Regulations, as of June 3, 2005. (Levels indicated are "recommended" levels. Table 64449-B contains a complete list of upper and short-term ranges.)
- d. Maximum Contaminant Levels as specified in Table 64431-A (Inorganic Chemicals) of Section 64431, Title 22 of the California Code of Regulations, as of June 3, 2005.
- e. MFL = million fibers per liter; MCL for fibers exceeding 10 μm in length.
- f. Fluoride objectives depend on temperature.
- g. A complete list of optimum and limiting concentrations is specified in Table 64433.2-A of Section 64433.2, Title 22 of the California Code of

Regulations, as of June 3, 2005.

- h. Maximum Contaminant Levels as specified in Table 64444-A (Organic Chemicals) of Section 64444, Title 22 of the California Code of Regulations, as of June 3, 2005.
- i. Maximum Contaminant Levels as specified in Table 4 (Radioactivity) of Section 64443, Title 22 of the California Code of Regulations, as of June 3, 2005.
- j. Included Radium-226 but excludes Radon and Uranium.

MG/L Milligrams per liter
pCi/L pico Curries per liter